UTILITY **PATENT APPLICATION** **TRANSMITTAL** *(Only for new nonprovisional applications under 37 CFR 1.53(b))*	*Attorney Docket No.*	03500.017806
	First Named Inventor or Application Identifier	
	MASAKI TOKIOKA, ET AL.	
	Express Mail Label No.	

U.S. PTO
17548 10/724605
120203

APPLICATION ELEMENTS
See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

1. [X] Fee Transmittal Form
(Submit an original, and a duplicate for fee processing)

2. [ ] Applicant claims small entity status.
See 37 CFR 1.27.

3. [X] Specification   *Total Pages* [48]

4. [X] Drawing(s) *(35 USC 113)*   *Total Sheets* [8]

5. [X] Oath or Declaration   *Total Pages* [2]

    a. [X] Newly executed (original or copy)

    b. [ ] Copy from a prior application (37 CFR 1.63(d))
      (for continuation/divisional with Box 17 completed)

      i. [ ] DELETION OF INVENTOR(S)
       Signed Statement attached deleting inventor(s)
       named in the prior application, see 37 CFR
       1.63(d)(2) and 1.33(b).

6. [X] Application Data Sheet. See 37 CFR 1.76

7. [ ] CD-ROM or CD-R in duplicate, large table or Computer Program *(Appendix)*

8. [ ] Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all necessary)*

    a. [ ] Computer Readable Form (CRF)

    b. Specification Sequence Listing on:

      i. [ ] CD-ROM or CD-R (2 copies); or

      ii. [ ] paper

    c. [ ] Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. [X] Assignment Papers (cover sheet & document(s))

10. [ ] 37 CFR 3.73(b) Statement   [ ] Power of Attorney
(when there is an assignee)

11. [ ] English Translation Document *(if applicable)*

12. [ ] Information Disclosure Statement (IDS)/PTO-1449   [ ] Copies of IDS Citations

13. [ ] Preliminary Amendment

14. [X] Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)

15. [ ] Certified Copy of Priority Document(s)
(if foreign priority is claimed)

16. [ ] Other: _____

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17. If a CONTINUING APPLICATION, *check appropriate box and supply the requisite information:*

[ ] Continuation   [ ] Divisional   [ ] Continuation-in-part (CIP)   of prior application No. ___/_____
Prior application information: *Examiner* _____   *Group/Art Unit:* _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation <u>can only</u> be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. CORRESPONDENCE ADDRESS

[X] Customer Number or Bar Code Label   05514
(Insert Customer No. or Attach bar code label here)   or [ ] Correspondence address below

NAME	
Address	

City		State		Zip Code	
Country		Telephone		Fax	

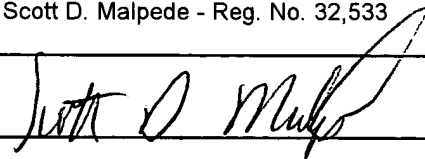| CLAIMS	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALCULATIONS
	TOTAL CLAIMS (37 CFR 1.16(c))	20-20 =	0	X $ 18.00 =	$0.00
	INDEPENDENT CLAIMS (37 CFR 1.16(b))	2-3 =	0	X $ 86.00 =	$0.00
	MULTIPLE DEPENDENT CLAIMS (if applicable) (37 CFR 1.16(d))			$290.00 =	$0.00
				BASIC FEE (37 CFR 1.16(a))	$770.00
			Total of above Calculations =		$770.00
	Reduction by 50% for filing by small entity (Note 37 CFR 1.9, 1.27, 1.28).				
				TOTAL =	$770.00

19. Small entity status

    a. ☐ A small entity statement is enclosed

    b. ☐ A small entity statement was filed in the prior nonprovisional application and such status is still proper and desired.

    c. ☐ Is no longer claimed.

20. ☒ A check in the amount of $ 770.00 to cover the filing fee is enclosed.

21. ☒ A check in the amount of $ 40.00 to cover the recordal fee is enclosed.

22. The Commissioner is hereby authorized to credit overpayments or charge the following fees to Deposit Account No. 06-1205:

    a. ☒ Fees required under 37 CFR 1.16.

    b. ☐ Fees required under 37 CFR 1.17.

    c. ☐ Fees required under 37 CFR 1.18.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED	
NAME	Scott D. Malpede - Reg. No. 32,533
SIGNATURE	
DATE	December 2, 2003

SDM/kkv

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